

Vive System Guide For Battery-Free Applications

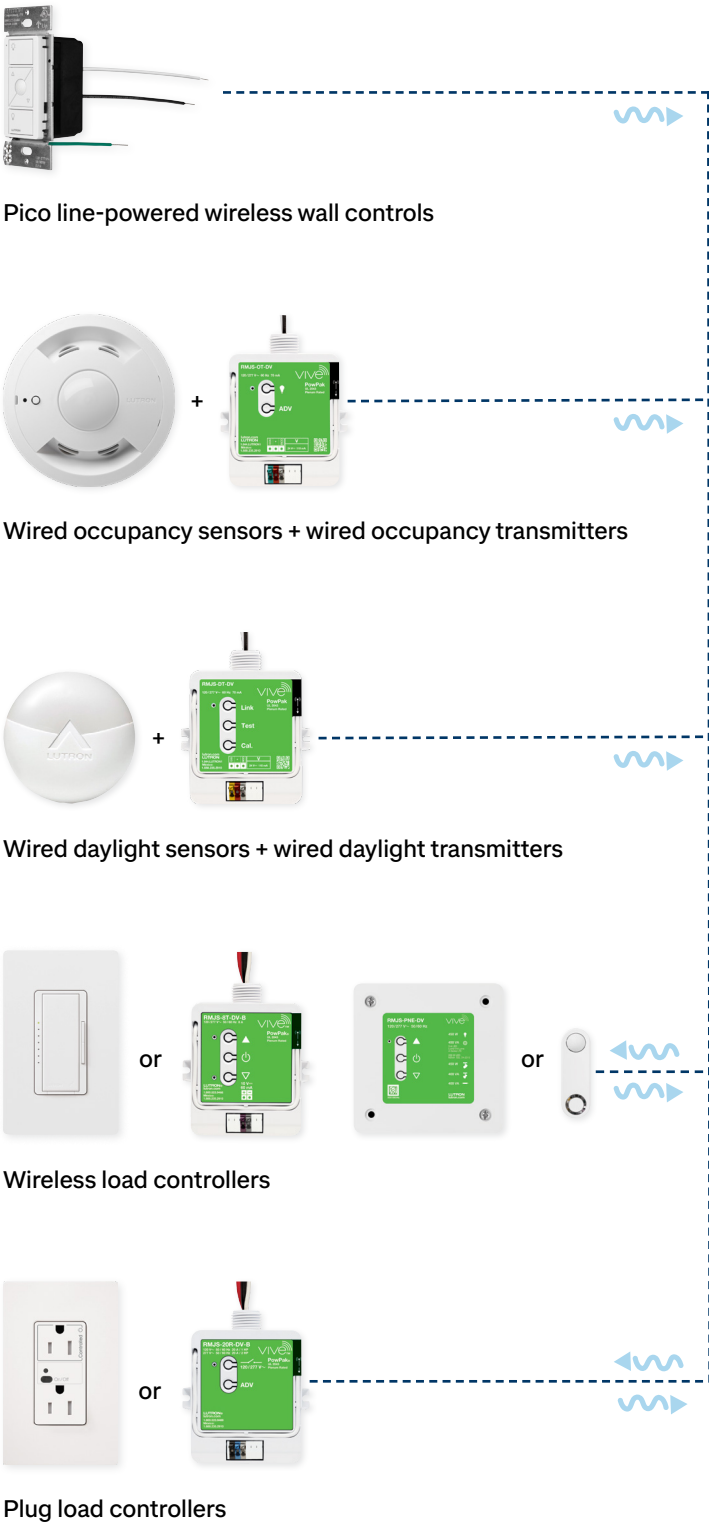


Wireless and Battery-Free

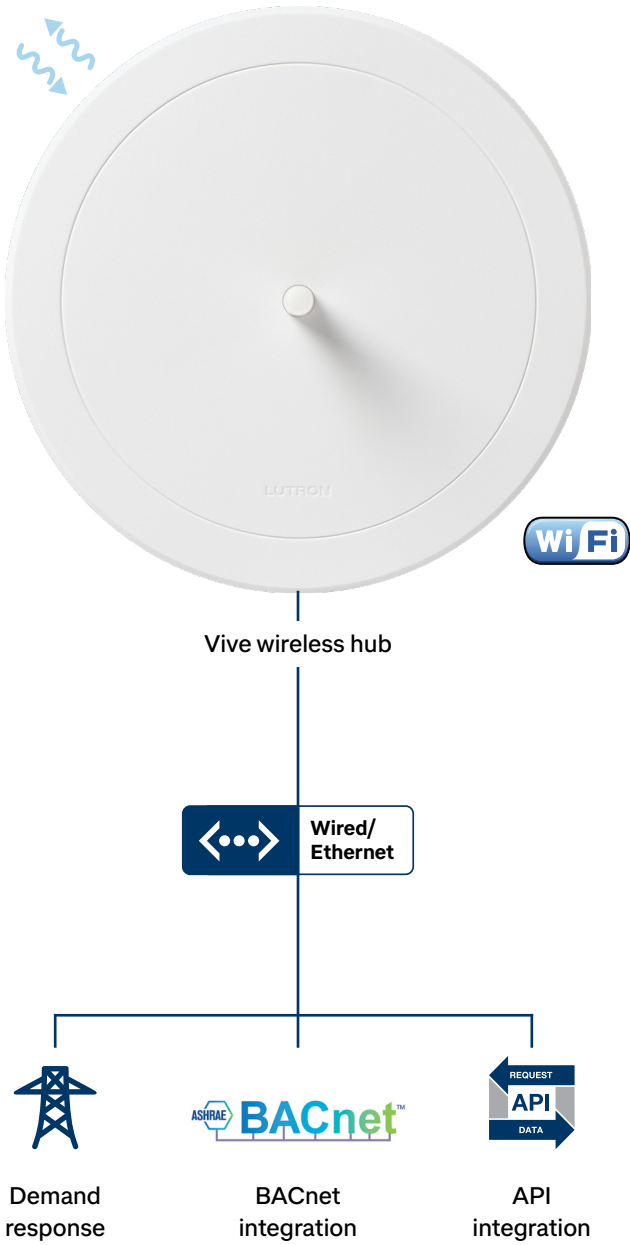
Projects, including K-12, government, and health care facilities, may require a lighting control solution that’s both wireless and battery-free. Lutron’s Vive system now offers the best of both.

Vive is a fast, proven, and reliable system that meets your building’s lighting requirements and today’s energy codes in new construction or retrofits. Using Vive battery-free wall controls and sensors, you get the advantages of a traditional Vive wireless system in a completely battery-free solution.

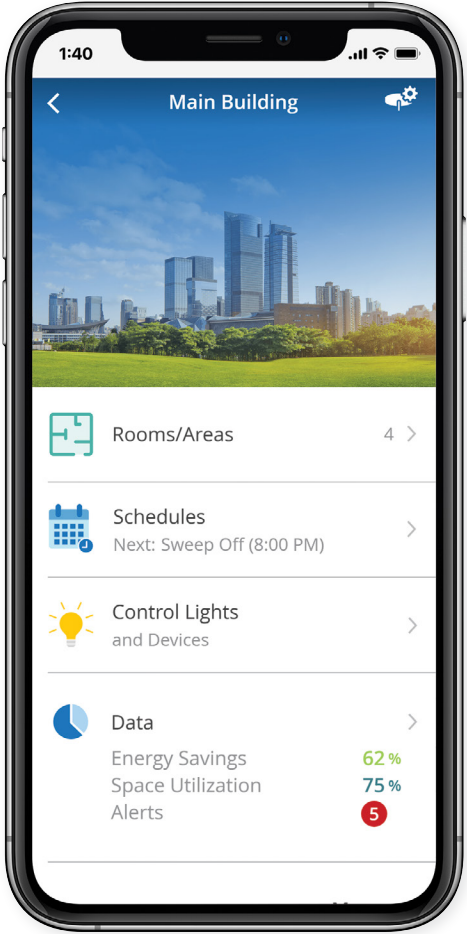
Build your battery-free Vive system with these products



Add wireless hubs for centralized control and integration (optional)



Simple-to-use software



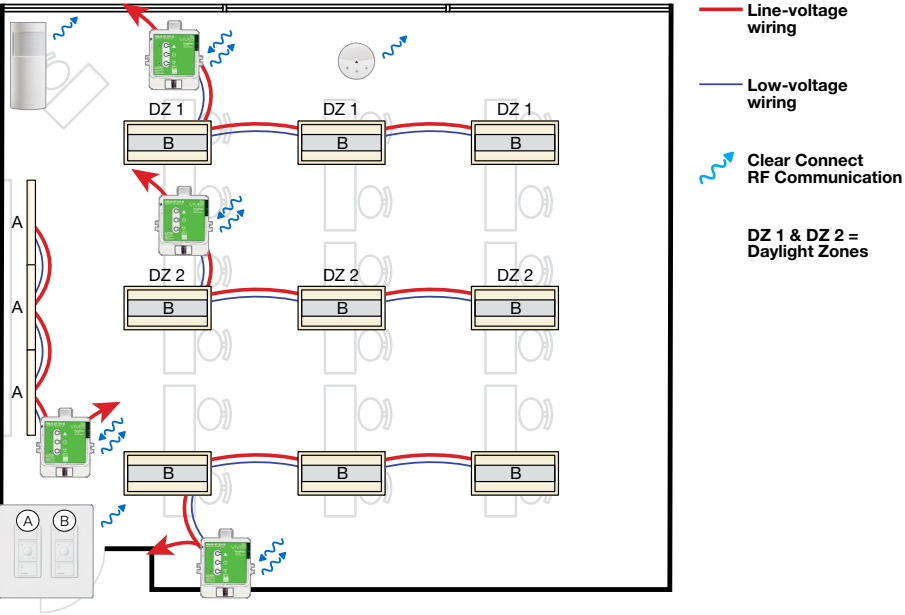
Vive software

Communication protocols



Wireless + Battery-Powered

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Symbol	Model Number	Description	Qty
	RMJS-8T-DV-B	PowPak dimming module with 0-10 V	4
	LRF2-DCRB-WH	Radio Powr Savr wireless daylight sensor	1
	LRF2-OKLB-P-WH	Radio Powr Savr wireless, corner-mount occupancy sensor	1
	PJ2-3BRL-GWH-L01	Pico wireless, 3-button with raise/lower control	2
	PICO-WBX-ADAPT	Pico wallbox adapter	2
	CW-2-WH	Claro 2-gang wallplate	1
	HJS-1-FM	Vive wireless hub	1*

*1 hub can be shared with Vive wireless devices on the same floor, within 71 feet

Control Functionality**

Control functionality applies to both battery-powered and battery-free

Occupant Enters:

All lights automatically turn on to 50% light level. Occupant turns on lights to maximum level manually. Maximum light level is set to 80%.

When Occupied:

Automatic: Overhead lights dim/brighten based on daylight availability. There are two perimeter daylight zones.

Manual: Occupant uses wall dimmers to set desired light levels for both general and whiteboard lights.

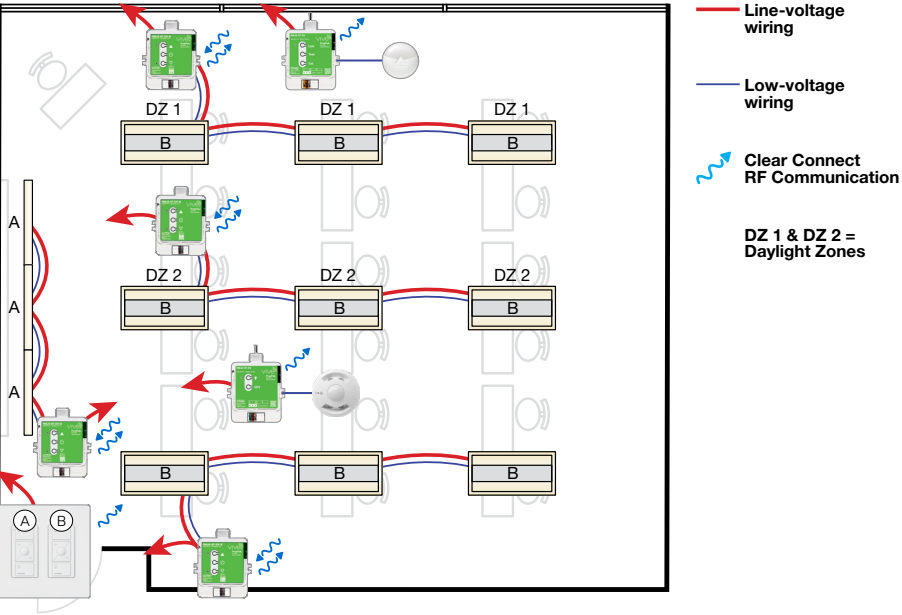
Occupant Exits:

All lights automatically turn off 15 minutes after all occupants exit.

**Some codes require vacancy (manual on, automatic off)

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Symbol	Model Number	Description	Qty
	RMJS-8T-DV-B	PowPak dimming module with 0-10 V	4
	PJL-3BRL-GWH-L01	Pico line-powered wireless control	2
	CW-2-WH	Claro 2-gang wallplate	1
	HJS-1-FM	Vive wireless hub	1*

Wired Daylight Sensing

Requires sensor + transmitter

	RMJS-DT-DV	Wired daylight transmitter	1
	EC-DIR-WH	Wired daylight sensor	1

Wired Occupancy Sensing

Requires sensor + transmitter

	RMJS-OT-DV	Wired occupancy transmitter	1
	LOS2-CDT-R-WH	Wired dual-tech occupancy sensor	1

*1 hub can be shared with Vive wireless devices on the same floor, within 71 feet

Lighting Energy Savings

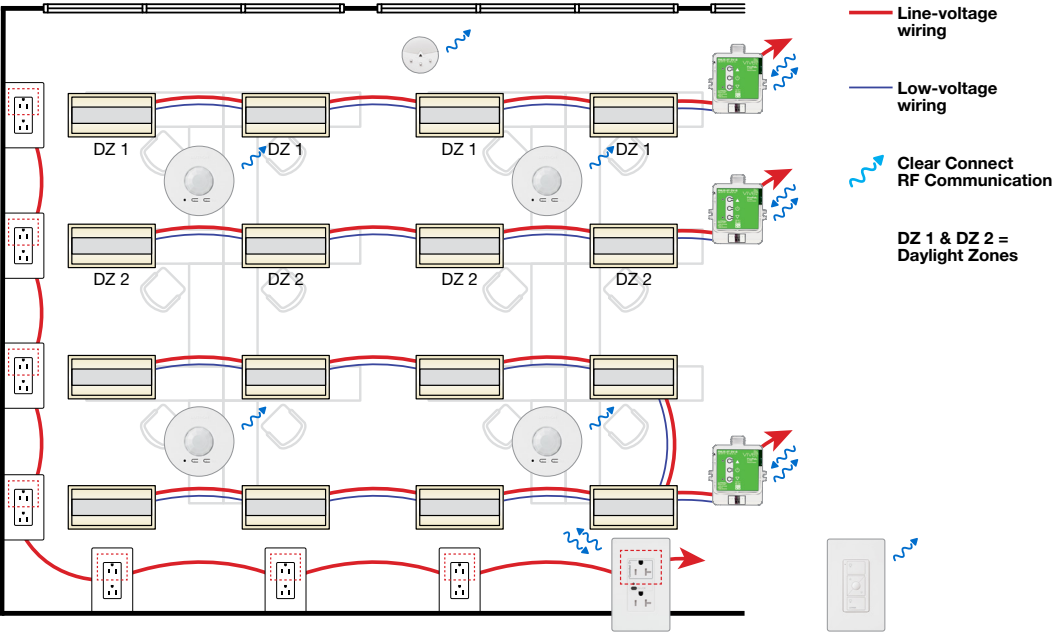
Go to lutron.com/references for more information.



60%

Wireless + Battery-Powered

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Symbol	Model Number	Description	Qty
	RMJS-8T-DV-B	PowPak dimming module with 0-10 V	3
	CAR2S-20-STR-WH	Vive wireless receptacle	1
	LRF2-DCRB-WH	Radio Powr Savr wireless daylight sensor	1
	LRF2-OCR2B-P-WH	Radio Powr Savr wireless, ceiling-mount occupancy sensor	4
	PJ2-3BRL-GWH-L01	Pico wireless, 3-button with raise/lower control	1
	PICO-WBX-ADAPT	Pico wallbox adapter	1
	CW-1-WH	Claro wallplate	1
	HJS-1-FM	Vive wireless hub	1*

*1 hub can be shared with Vive wireless devices on the same floor, within 71 feet

Control Functionality**

Control functionality applies to both battery-powered and battery-free

Occupant Enters:
All lights automatically turn on to 50% light level. Controlled receptacles automatically regain power. Occupant turns on lights to maximum level manually. Maximum light level is set to 80%.

When Occupied:
Automatic: Overhead lights dim/brighten based on daylight availability. There are two perimeter daylight zones.

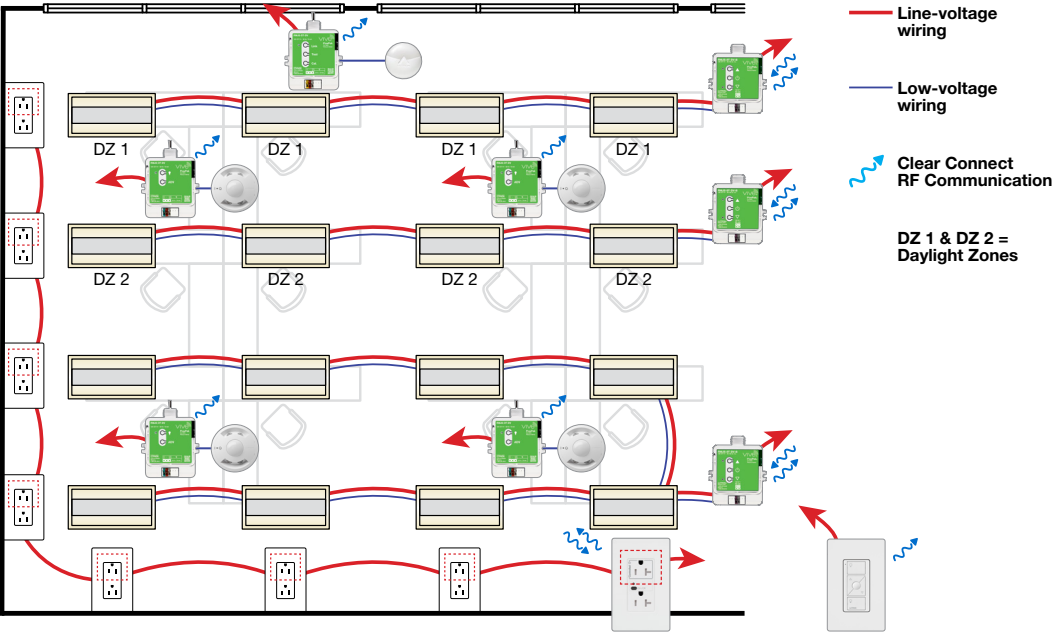
Manual: Occupant uses wall dimmers to set desired light levels for both general and whiteboard lights.

Occupant Exits:
All lights automatically turn off 15 minutes after all occupants exit. 50% of all receptacles automatically turn off 15 minutes after all occupants exit.

**Some codes require vacancy (manual on, automatic off)

Wireless + Battery-Free

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Symbol	Model Number	Description	Qty
	RMJS-8T-DV-B	PowPak dimming module with 0-10 V	3
	CAR2S-20-STR-WH	Vive wireless receptacle	1
	PJL-3BRL-GWH-L01	Pico line-powered wireless control	1
	CW-1-WH	Claro wallplate	1
	HJS-1-FM	Vive wireless hub	1*

Wired Daylight Sensing Requires sensor + transmitter

	RMJS-DT-DV	Wired daylight transmitter	1
	EC-DIR-WH	Wired daylight sensor	1

Wired Occupancy Sensing Requires sensor + transmitter

	RMJS-OT-DV	Wired occupancy transmitter	4
	LOS2-CDT-R-WH	Wired dual-tech occupancy sensor	4

*1 hub can be shared with Vive wireless devices on the same floor, within 71 feet

Lighting Energy Savings

Go to lutron.com/references for more information.



Additional Information & Resources



Vive Webpage



Vive Design Guide



Vive Cut Sheets

lutron.com

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Customer Assistance

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Phone: 1.844.LUTRON1 (588.7661) — includes 24/7 technical support

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